

SECOND QUARTERLY ANALYTICAL
DATA PACKAGE
HARVEY & KNOTT SITE
REMEDIAL ACTION WORK PLAN
NEW CASTLE COUNTY, DELAWARE
SAMPLE DATES: JULY 19, 20, 21, 1988

AR301610



September 1, 1988

Project No. 303467.01.03

Ms. Deborah Buniski, P.E.
Project Director
Tetra Tech Richardson, Inc.
910 South Chapel Street
Newark, DE 19713

Second Quarterly Analytical Data Package
Harvey & Knott Site
Remedial Action Work Plan
New Castle County, Delaware

Dear Ms. Buniski:

Enclosed herein are six copies of the referenced data from the sampling of surface waters and monitoring wells in accordance with task 1.0 of the Remedial Action Work Plan (RAWP). Also included is the data from monitoring well MW ~6 which was sampled to supplement the task 2.0 bioassay. This package is in a format consistant with CLP analysis and the project QA/QC plan.

If you have any questions concerning this submittal, please do not hesitate to call.

Very truly yours,

Glenn D. Schwartz
Glenn D. Schwartz
Project Manager

GDS:aag
Enclosure

cc: L. Abbott
R. Zimmer
File 303467

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- B - This Flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action. This Flag must be used for a TIC as well as for a positively identified TCL compound.
- J - Indicates an estimated value. This Flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- N - Spiked sample recovery not within control limits.
- U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- W - Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbence is less than 50% of spike absorbence.
- // - Not analyzed.

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PAPERS AND PROBLEMS SITE/BLAKEY

AR301613

PART M
08/17/78

HAN - AMERICAN SITE/CLAYBANK

MSL VOLATILE ORGANIC ANALYSIS

SAMPLE	NAME	WT%.	DATE	CRG'D. REF.	SPEND. REFNAME	VINYL CHLORIDE	PHENYL CHLORIDE	CARBON DISULFIDE	ACETONE	CHLORO- ETHANE	1,1-DI- CHLORO- ETHANE	1,1-DI- CHLORO- ETHANE	2-BUTANONE	1,1,1-TRI- CHLORO- ETHANE	VINYL ACETATE	BEDDO- DICH. CHL- ORO- ETHANE	
RECEIVED	BLK.	ANALYZED	WT%	REF.	REFNAME	WT%	CHLORIDE	CHLORIDE	CHLORIDE	CHLORIDE	CHLORIDE	CHLORIDE	TOTAL	CHLORIDE	CHLORIDE	CHLORIDE	
79322 MSL116EWP			07/22/78	AS		/	/	/	/	/	/	/					
79323 MSL116EWP			07/22/78	AS	MSD	/	/	/	/	/	/	/					
79324 SW-7			07/22/78	AS	MSD	/	/	/	/	/	/	/					
PE517PC8 BLANK			07/22/78	AS	MSD	/	/	/	/	/	/	/					
PE517PC8 BLANK						/	/	/	/	/	/	/					
PE517PC8 BLANK						/	/	/	/	/	/	/					
PE517PC8 BLANK						/	/	/	/	/	/	/					
PE517PC8 BLANK						/	/	/	/	/	/	/					
79313 MSL1090			07/20/78	AS		/	/	/	/	/	/	/					
79313 MSL1090			07/20/78	AS	MSD	/	/	/	/	/	/	/					
78444 SW-6			07/22/78	AS		/	/	/	/	/	/	/					
78445 SW-6			07/22/78	AS	MSD	/	/	/	/	/	/	/					
TOC/TIC BLANK						/	/	/	/	/	/	/					
TOC/TIC BLANK						/	/	/	/	/	/	/					
78454 MSL1090			07/20/78	AS	MSD	/	/	/	/	/	/	/					
78459 MSL1090			07/20/78	AS	MSD	/	/	/	/	/	/	/					
79324 MUSCANO			07/21/78	AS	MSD	/	/	/	/	/	/	/					
79324 MUSCANO			07/21/78	AS	MSD	/	/	/	/	/	/	/					
79325 MUSCANO			07/21/78	AS	MSD	/	/	/	/	/	/	/					
79325 MUSCANO			07/21/78	AS	MSD	/	/	/	/	/	/	/					
79330 MSL1095			07/22/78	AS		/	/	/	/	/	/	/					
79330 MSL1095			07/22/78	AS	MSD	/	/	/	/	/	/	/					
79340 SW-6			07/22/78	AS	MSD	/	/	/	/	/	/	/					
79340 SW-6			07/22/78	AS	MSD	/	/	/	/	/	/	/					
79337 SW-5			07/22/78	AS	MSD	/	/	/	/	/	/	/					
79337 SW-5			07/22/78	AS	MSD	/	/	/	/	/	/	/					

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MEET THE AUTHOR: ELLEN DE LAWARE

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MS. VOLATILE ORGANIC ANALYSIS
BUTYLUM SITE/BLADEF

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PLATE AND BOTTLE FOR SITES/ELABORATE
PEL VISIBLE ORGANIC ANALYSIS
SUBSTRATE AND SAERF SPINE RECOVERY

PERMEABILITY AND PROTOTYPING SPECIMEN FLAME TESTS FOR VOLATILE ORGANIC ANALYSIS

Page No.:
CS171725

LAWFAY AND SCHAFFER, INC., CLOVIS,
N.H. VOLATILE ORGANIC ANALYSIS
SULFATE AND MAERSK SPARE RECOVERY

SAMPLE IDENTIFICATION	DATE RECEIVED	DATE ANALYZED	4-BROMO-CHLOROBENZENE	1,2-DIBROMO-CHLOROBENZENE	CHLOROBENZENE	1,1-DIBROMO-CHLOROBENZENE	TRICHLOROBENZENE
79332 MA111E05P	07/22/88 75	/	/	95	127	95	116
79332 MA111E05P	07/22/88 85D	/	/	95	107	95	105
79338 SW-7	07/22/88 85	/	/	54	108	98	107
79338 SW-7	07/22/88 85D	/	/	57	110	98	105
PESTICIDE BLANK	/	/	/	/	/	/	/
PESTICIDE BLANK	/	/	/	/	/	/	/
PESTICIDE BLANK	/	/	/	/	/	/	/
PESTICIDE BLANK	/	/	/	/	/	/	/
79313 MA105D	07/20/88 MS	/	/	/	/	/	/
79313 MA105D	07/20/88 MS	/	/	/	/	/	/
79348 Pab	07/22/88 MS	/	/	/	/	/	/
79348 Pab	07/22/88 MS	/	/	/	/	/	/
LOCATOR E. AKA	/	/	/	/	/	/	/
LOCATOR E. AKA	/	/	/	/	/	/	/
LOCATOR E. AKA	/	/	/	/	/	/	/
79469 MA105D	07/20/88 MS	/	/	/	/	/	/
79469 MA105D	07/20/88 MS	/	/	/	/	/	/
79524 MA1055A05U	07/22/88 MS	/	/	/	/	/	/
79524 MA1055A05U	07/22/88 MS	/	/	/	/	/	/
79525 MA111A8	07/21/88 MS	/	/	/	/	/	/
79525 MA111A8	07/21/88 MS	/	/	/	/	/	/
79525 MA111D5	07/22/88 MS	/	/	/	/	/	/
79525 MA111D5	07/22/88 MS	/	/	/	/	/	/
79510 SW-4	07/22/88 MS	/	/	/	/	/	/
79510 SW-4	07/22/88 MS	/	/	/	/	/	/
79517 SW-5	07/22/88 MS	/	/	/	/	/	/
79517 SW-5	07/22/88 MS	/	/	/	/	/	/

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TRANSIENT AND EQUILIBRIUM SEMI-VOLATILE DATA

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151. *SIMPLY ORGANIC DATA*

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MSI SEMI-VOLATILE ORGANIC DATA

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451 SEMI-ROAMABLE GEMINI DATA
SAMPLES - EQUATORIAL SILENT/PLANETARY

AR301622

Page No. 1 Date 7/17/85

Sample ID#111-
F14111M

Maine M. INSTITUTION SITE/REFUGIUM
HS. SEMI-VOLATILE ORGANICS DATA

SAMPLE	DATE RECEIVED	DATE EXTRACTED	BERG(%)	MENTAL ANALYZED FLUORIMETRIC PHASE	INFRARED 11,12,3-CO-	DINERIA M- FERGUSON M-11- PHASE
74465 ME1145	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79312 PM115C	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79313 PM107C	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79313 PM107C	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79314 PM101C	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79314 PM101C	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79315 PM104S	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79315 PM104S	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79316 FIELD RAY	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79316 FIELD RAY	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79318 PM103S	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79319 PM112A	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79320 PM110A	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79321 PM101SS	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79322 PM104SA	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79323 PM103SA	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79324 PM103SAQ	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79325 PM114S	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79326 PM114A	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79327 PM113S	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79328 PM113A	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79329 PM107S	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79331 PM111S	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79332 PM111SAQ	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79333 PM112A	07/20/85	07/22/85	07/22/85	10 U	10 U	10 U
79488 PM6	07/22/85	07/22/85	07/22/85	10 U	10 U	10 U
74463 FIELD RAY	07/22/85	07/22/85	07/22/85	10 U	10 U	10 U
79314 SH-1	07/22/85	07/22/85	07/22/85	10 U	10 U	10 U
79315 SH-1 D/F	07/22/85	07/22/85	07/22/85	10 U	10 U	10 U
79337 SH-5	07/22/85	07/22/85	07/22/85	10 U	10 U	10 U
79338 SH-7	07/22/85	07/22/85	07/22/85	10 U	10 U	10 U
79339 SH-9	07/22/85	07/22/85	07/22/85	10 U	10 U	10 U
79340 SH-6	07/22/85	07/22/85	07/22/85	10 U	10 U	10 U
79351 SH-2	07/22/85	07/22/85	07/22/85	10 U	10 U	10 U
BAA BLANK	/ /	07/22/85	07/22/85	07/22/85	10 U	10 U
BAA BLANK	/ /	07/22/85	07/22/85	07/22/85	10 U	10 U
74463 FIELD RAY	07/22/85	07/22/85	07/22/85	10 U	10 U	10 U
74463 FIELD RAY	07/22/85	07/22/85	07/22/85	10 U	10 U	10 U
79312 PM107D	07/22/85	07/22/85	07/22/85	10 U	10 U	10 U

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FBI No.
GJ/7122

PROPERTY AND PROTECTION SITE/RELEASE
MSL SEMI-VOLATILE ORGANICS DATA

SURFACE SPIKE FIELD RECOVERY SUMMARY

2-FLUORO- PHENOL-⁴⁶ 2,4,5-Tri- 2-FLUORO-MONO-
PHENOL- EPHENOL- BENZENE-⁴⁵
BENZENE-⁴⁵
EPIPHENOL-⁴⁵
PHENOL-

SAMPLE IDENTIFICATION	2-FLUORO- PHENOL	2,4,5-Tri- PHENOL	2-FLUORO-MONO- BENZENE	EPIPHENOL- BENZENE- ⁴⁵	PHENOL
74859 M410D	41	27	78	76	87
75111 M411A	50	35	91	111	85
75112 M410D	41	27	71	72	74
75113 M410C	39	35	82	77	82
75114 M410E	51	29	76	74	68
75115 M410G	39	29	93	80	94
75116 M410H	21	37	22	71	37
75118 M410K	37	15	95	78	43
75119 M412A	50	18	78	87	79
75120 M411A	36	15	81	80	46
75121 M410B	52	20	103	86	54
75122 M410B5A	44	17	81	76	35
75123 M410B5A	40	15	72	71	37
75124 M410B5D	40	15	72	71	35
75125 M411AB	39	15	93	62	44
75126 M411AA	45	18	124	76	82
75127 M411AB	39	16	93	84	84
75128 M411AA	42	17	76	81	71
75130 M410E	56	23	92	69	76
75131 M411A	26	11	82	77	83
75132 M4123BGP	27	10	81	73	73
75133 M411A	55	22	86	72	44
75134 Tolu	33	29	77	69	73
75135 FIELD R	43	19	101	72	66
75136 FIELD R	43	37	88	73	64
75137 SW-1	43	27	71	67	64
75138 SW-5	34	16	75	77	66
75139 SW-7	42	20	99	63	53
75139 SW-8	53	23	107	66	59
75140 SW-6	46	15	112	72	45
75156 SW-2	46	19	72	51	52
BA BLANK	40	15	51	24	55
BA BLANK	43	25	84	89	65
BA BLANK	42	28	83	85	82
75183 FIELD R					
75183 FIELD R					
75112 M410D					

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DETAILS DATA ANALYSIS FOR MARVEL AND KNOTTDOWN SITE/DELAWARE

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REJALS DATA ANALYSIS FOR HAWTHORN AND KNOBLICK SITE/DELAWARE

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RESULTS DATA ANALYSIS FOR MARVEL AND MONITOR SITE/DELAWARE

SAMPLE ID	DATE RECEIVED	COFFER	IRON	TIN	LEAD	PANDEMUS	PARAMECIUM	MERCURY	PERCENT	MICEL	POSSUM	SELENIUM	DATE	ANALYZED
7349 MULCD	07/20/88	DSP	08/05/88	31100	08/05/88	/	/	08/05/88	62.3	08/05/88	/	08/05/88	/	/
7489 MULCD	07/20/88	DSP	08/05/88	10.0	08/05/88	252	08/05/88	5.0 U	08/05/88	5.0 U	08/05/88	5.0 U	08/05/88	/
79311 MUL15	07/20/88	DSP	08/05/88	10.0	08/05/88	/	/	08/05/88	54.2	08/05/88	/	08/05/88	/	/
79312 MULC7D	07/20/88	DSP	08/05/88	18500	08/05/88	/	/	08/05/88	7980	08/05/88	/	08/05/88	/	/
79312 MUL17D	07/20/88	DSP	08/05/88	10.0	08/05/88	12500	08/05/88	/	08/05/88	67.6	08/05/88	/	08/05/88	/
79313 MUL19	07/20/88	DSP	08/05/88	10500	08/05/88	/	/	08/05/88	5.0 U	08/05/88	/	08/05/88	/	/
79314 MULCD	07/20/88	DSP	08/05/88	2184	08/05/88	/	/	08/05/88	/	08/05/88	/	08/05/88	/	/
79315 MULCD	07/20/88	DSP	08/05/88	272	08/05/88	51.6	08/05/88	5.0 U	08/05/88	5.0 U	08/05/88	5.0 U	08/05/88	/
79316 FIELD BLK	07/22/88	DSP	08/05/88	10.0	08/05/88	10.9	08/05/88	5.0 U	08/05/88	55.0	08/05/88	5.0 U	08/05/88	/
79483 FIELD BLK	07/22/88	DSP	08/05/88	10.0	08/05/88	21.2	08/05/88	5.0 U	08/05/88	50.0	08/05/88	5.0 U	08/05/88	/
79311 SP-1	07/22/88	DSP	08/05/88	11.7	08/05/88	2870	08/05/88	5.0 U	08/05/88	1810.5	08/05/88	5.0 U	08/05/88	/
79313 SP-1	07/22/88	DSP	08/05/88	16.1	08/05/88	3610	08/05/88	5.0 U	08/05/88	48.4	08/05/88	5.0 U	08/05/88	/
79313 SP-2	07/22/88	DSP	08/05/88	14.5	08/05/88	5910	08/05/88	5.0 U	08/05/88	44.7	08/05/88	5.0 U	08/05/88	/
79313 SP-3	07/22/88	DSP	08/05/88	10.0	08/05/88	2350	08/05/88	5.0 U	08/05/88	53.0	08/05/88	5.0 U	08/05/88	/
79317 SP-3	07/22/88	DSP	08/05/88	10.0	08/05/88	2400	08/05/88	18.8	08/05/88	30.0	08/05/88	5.0 U	08/05/88	/
79317 SP-7	07/22/88	DSP	08/05/88	10.0	08/05/88	7840	08/05/88	25.5	08/05/88	1950	08/05/88	5.0 U	08/05/88	/
79319 SP-8	07/22/88	DSP	08/05/88	10.0	08/05/88	147000	08/05/88	191.5	08/05/88	2405.0	08/05/88	5.0 U	08/05/88	/
79319 SP-8	07/22/88	DSP	08/05/88	2180	08/05/88	/	/	08/05/88	5.0 U	08/05/88	5.0 U	08/05/88	/	/
79319 SP-8	07/22/88	DSP	08/05/88	2180	08/05/88	/	/	08/05/88	5.0 U	08/05/88	5.0 U	08/05/88	/	/
79319 SP-8	07/22/88	DSP	08/05/88	11000	08/05/88	/	/	08/05/88	217	08/05/88	30.0	08/05/88	5.0 U	08/05/88
79318 MULCD	07/21/88	DSP	08/05/88	51.6	08/05/88	/	/	08/05/88	233	08/05/88	27.0	08/05/88	/	/
79319 MUL12	07/21/88	DSP	08/05/88	51.6	08/05/88	51.6	08/05/88	5.0 U	08/05/88	5.0 U	08/05/88	5.0 U	08/05/88	/
79315 MUL12	07/21/88	DSP	08/05/88	51.6	08/05/88	51.6	08/05/88	5.0 U	08/05/88	5.0 U	08/05/88	5.0 U	08/05/88	/
79320 MUL12A	07/21/88	DSP	08/05/88	5210	08/05/88	/	/	08/05/88	1500	08/05/88	/	08/05/88	/	/
79320 MUL12B	07/21/88	DSP	08/05/88	5210	08/05/88	/	/	08/05/88	39.4	08/05/88	/	08/05/88	/	/
79321 MUL12B	07/21/88	DSP	08/05/88	11230	08/05/88	/	/	08/05/88	42.3	08/05/88	/	08/05/88	/	/
79322 MUL12A	07/21/88	DSP	08/05/88	20460	08/05/88	/	/	08/05/88	13.2	08/05/88	/	08/05/88	/	/
79322 MUL12A	07/21/88	DSP	08/05/88	51.6	08/05/88	/	/	08/05/88	505	08/05/88	/	08/05/88	/	/
79322 MUL12A	07/21/88	DSP	08/05/88	51.6	08/05/88	/	/	08/05/88	476	08/05/88	/	08/05/88	/	/
79324 MUL05420	07/21/88	DSP	08/05/88	5400	08/05/88	/	/	08/05/88	21.2	08/05/88	/	08/05/88	/	/
79325 MUL114B	07/21/88	DSP	08/05/88	5500	08/05/88	/	/	08/05/88	42.3	08/05/88	/	08/05/88	/	/
79326 MUL114A	07/21/88	DSP	08/05/88	16500	08/05/88	/	/	08/05/88	61.9	08/05/88	/	08/05/88	/	/
79327 MUL114A	07/21/88	DSP	08/05/88	5230	08/05/88	/	/	08/05/88	25.3	08/05/88	/	08/05/88	/	/
79328 MUL114A	07/21/88	DSP	08/05/88	1770	08/05/88	/	/	08/05/88	22.7	08/05/88	/	08/05/88	/	/
79330 MUL114B	07/21/88	DSP	08/05/88	10000	08/05/88	/	/	08/05/88	23.8	08/05/88	/	08/05/88	/	/
79331 MUL114B	07/21/88	DSP	08/05/88	57127.93	08/05/88	/	/	08/05/88	26.8	08/05/88	/	08/05/88	/	/
79332 MUL114C	07/21/88	DSP	08/05/88	57127.93	08/05/88	/	/	08/05/88	13.3	08/05/88	/	08/05/88	/	/
79333 MUL114A	07/22/88	DSP	08/05/88	28700	08/05/88	/	/	08/05/88	/	08/05/88	/	08/05/88	/	/

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METALS DATA ANALYSIS FOR MARKET AND AMBIENT SITE/DELAWARE

SAMPLE ID	DATE RECEIVED	COFFER 16% ANALYZED	COPPER DATE ANALYZED	IRON TOTAL ANALYZED	LEAD DATE ANALYZED	LEAD TOTAL ANALYZED	LEAD			MANGANESE			MERCURY			MERCURY			MERCURY			MERCURY				
							DATE ANALYZED	TOTAL	ANALYZED	DATE ANALYZED	TOTAL	ANALYZED	DATE ANALYZED	TOTAL	ANALYZED	DATE ANALYZED	TOTAL	ANALYZED	DATE ANALYZED	TOTAL	ANALYZED	DATE ANALYZED	TOTAL	ANALYZED	DATE ANALYZED	TOTAL
78313 PMS11A	07/22/88	COP	07/22/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78488 PMS	07/21/88	COP	07/22/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78488 PMS	07/22/88	COP	07/22/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78313 PMS11C	07/20/88	MS	07/20/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78313 PMS11D	07/20/88	AS	07/20/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78313 PMS11D	07/20/88	MS	07/20/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78313 PMS11D	07/20/88	AS	07/20/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78321 PMS10LS	07/21/88	AS	07/21/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78321 PMS10LS	07/21/88	AS	07/21/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78325 PMS11B	07/21/88	MS	07/21/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78326 S-2	07/21/88	AS	07/21/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78327 PMS11B	07/21/88	AS	07/21/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78683 FIELD 5A	07/22/88	MS	07/22/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78334 S-1	07/22/88	AS	07/22/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
78337 S-5	07/22/88	MS	07/22/88	9.220	0.05/28	/ /	/ /	/ /	/ /	01/05/88	2.720	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /	01/05/88	/ /	/ /
PB 81/11	/ /	10.0 %	0.05/28	/ /	/ /	5.0 %	0.05/28	/ /	/ /	01/05/88	5.0 %	01/05/88	/ /	/ /	01/05/88	5.0 %	01/05/88	5.0 %	01/05/88	5.0 %	01/05/88	5.0 %	01/05/88	5.0 %	01/05/88	5.0 %
PB 81/12	/ /	10.0 %	0.05/28	/ /	/ /	5.0 %	0.05/28	/ /	/ /	01/05/88	5.0 %	01/05/88	/ /	/ /	01/05/88	5.0 %	01/05/88	5.0 %	01/05/88	5.0 %	01/05/88	5.0 %	01/05/88	5.0 %	01/05/88	5.0 %

AR301629

APR 17/82

ARTICLES DATA ANALYSIS FOR MHT AND LMDGM SITE DESIGN

AR30-1-630

Page No.:
2
6/17/81

METALS DATA ANALYSIS FOR MARNEY AND EQUITON SITE/ICELAND

SAMPLE ID	DATE RECEIVED	SILVER TOTAL	SILVER DATE ANALYZED	SODIUM TOTAL	SODIUM DATE ANALYZED	THALLIUM TOTAL	THALLIUM DATE ANALYZED	VANADIUM TOTAL	VANADIUM DATE ANALYZED	ZINC TOTAL	ZINC DATE ANALYZED
79313 MEL11A	07/22/81	DSP	/ /	DSP/5/81	07/21/81	/ /	/ /	/ /	/ /	/ /	08/05/81
79314 MEL20	07/22/81	DSP	/ /	DSP	07/22/81	/ /	/ /	/ /	/ /	/ /	/ /
79315 MEL25	07/22/81	M5	/ /	M5	07/20/81	/ /	/ /	/ /	/ /	/ /	/ /
79313 MEL30	07/20/81	M5	/ /	M5	07/20/81	/ /	/ /	/ /	/ /	/ /	/ /
79313 MEL30	07/20/81	M5	/ /	M5	07/20/81	/ /	/ /	/ /	/ /	/ /	/ /
79315 MEL30	07/20/81	M5	/ /	M5	07/20/81	/ /	/ /	/ /	/ /	/ /	/ /
79315 MEL30	07/20/81	A5	/ /	A5	07/20/81	/ /	/ /	/ /	/ /	/ /	/ /
79321 MEL30A	07/22/81	A5	/ /	A5	07/22/81	/ /	/ /	/ /	/ /	/ /	/ /
79323 MEL30A	07/22/81	A5	/ /	A5	07/22/81	/ /	/ /	/ /	/ /	/ /	/ /
79325 MEL30A	07/22/81	A5	/ /	A5	07/22/81	/ /	/ /	/ /	/ /	/ /	/ /
79326 MEL30A	07/22/81	A5	/ /	A5	07/22/81	/ /	/ /	/ /	/ /	/ /	/ /
79327 MEL30A	07/22/81	A5	/ /	A5	07/22/81	/ /	/ /	/ /	/ /	/ /	/ /
79328 FIELD BL	07/22/81	M5	/ /	M5	07/22/81	/ /	/ /	/ /	/ /	/ /	/ /
79314 54-1	07/22/81	A5	/ /	A5	07/22/81	/ /	/ /	/ /	/ /	/ /	/ /
79357 54-5	07/22/81	M5	/ /	M5	07/22/81	/ /	/ /	/ /	/ /	/ /	/ /
79311 54-1	/ /	10.0 V	/ /	100.0 U	07/05/81	/ /	/ /	10.0 U	07/05/81	10.0 U	07/05/81
79311 54-2	/ /	/ /	/ /	5.0 U	07/05/81	/ /	/ /	/ /	07/05/81	/ /	/ /

AR301631

TELEGRAMS DATED APRIL 1913 AND APRIL 1914 FROM THE U.S. EMBASSY IN LIMA

AR301632

RELATIVE DATA ANALYSIS FOR NICKEL AND MOLYBDENUM SITE/DETAINE

AR301633

RETAILS DATA ANALYSIS FOR MARKET AND RETAILERS SITE/STORE

SAMPLE ID	DATE RECEIVED	COPPER DISSOLVED DATE	IRON DISSOLVED DATE	LEAD DISSOLVED DATE	LEAD ANALYZED	MANGANESE DISSOLVED DATE	MANGANESE ANALYZED	MERCURY DISSOLVED DATE	MERCURY ANALYZED	NICKEL DISSOLVED DATE	NICKEL ANALYZED	POTASSIUM DISSOLVED DATE	POTASSIUM ANALYZED	SELENIUM DISSOLVED DATE	SELENIUM ANALYZED	
74859 MHD00	D7/20/18	21.6 B	D7/20/18	15300	D7/20/18	5.0 u	D7/20/18	3110 B	D7/20/18	81.5	D7/20/18	0.2 u	D7/20/18	30.0 u	D7/20/18	5.0 v
74859 MHD00	D7/20/18	13.2	D7/20/18	851	D7/20/18	5.0 u	D7/20/18	50.0 u	D7/20/18	1.3 u	D7/20/18	5.0 u	D7/20/18	30.0 u	D7/20/18	5.0 u
79311 MHD15C	D7/20/18		D7/20/18		D7/20/18		D7/20/18	17	D7/20/18	2740 B	D7/20/18	0.2 u	D7/20/18	30.0 u	D7/20/18	5.0 u
79312 MHD07D	D7/20/18	10.0 u	D7/20/18	16300	D7/20/18	3.0 u	D7/20/18	2200 B	D7/20/18	81.5	D7/20/18	0.2 u	D7/20/18	30.0 u	D7/20/18	5.0 u
79312 MHD07D	D7/20/18	10.0 u	D7/20/18	12100	D7/20/18	5.0 u	D7/20/18	3100 B	D7/20/18	74.1	D7/20/18	0.2 u	D7/20/18	30.0 u	D7/20/18	5.0 u
79314 MHD00	D7/20/18	10.0 u	D7/20/18	10700	D7/20/18	5.0 u	D7/20/18	3100 B	D7/20/18	74.1	D7/20/18	0.2 u	D7/20/18	30.0 u	D7/20/18	5.0 u
79315 MHD00	D7/20/18	10.4 B	D7/20/18	377	D7/20/18	5.0 u	D7/20/18	56.0 u	D7/20/18	5.0 u	D7/20/18	0.2 u	D7/20/18	30.0 u	D7/20/18	5.0 u
79315 MHD00	D7/20/18		D7/20/18		D7/20/18		D7/20/18		D7/20/18		D7/20/18		D7/20/18		D7/20/18	
79315 FIELD 1A	D7/22/18	10.3 B	D7/22/18	10.0 u	D7/22/18	5.0 u	D7/22/18	50.0 u	D7/22/18	5.0 u	D7/22/18	0.2 u	D7/22/18	30.0 u	D7/22/18	5.0 u
79315 FIELD 1B	D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18	
79315 FIELD 1C	D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18	
79315 Sp-1	D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18	
79315 Sp-2	D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18	
79317 Sp-5	D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18	
79318 Sp-5	D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18	
79318 Sp-7	D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18	
79319 Sp-2	D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18	
79319 Sp-5	D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18	
79320 Sp-6	D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18		D7/22/18	
79321 MHD00	D7/21/18	23.0 B	D7/21/18	11900	D7/21/18	5.0 u	D7/21/18	2140 B	D7/21/18	214	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79321 MHD00	D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18	
79321 MHD11A	D7/21/18	22.1 B	D7/21/18	319	D7/21/18	5.0 u	D7/21/18	1210 B	D7/21/18	41.5	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79321 MHD11A	D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18	
79320 MHD22B	D7/21/18	10.0 E	D7/21/18	15400	D7/21/18	5.0 D	D7/21/18	15100	D7/21/18	1190	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79320 MHD22B	D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18	
79321 MHD11A	D7/21/18	11.5 B	D7/21/18	11400	D7/21/18	5.0 u	D7/21/18	469 B	D7/21/18	55.8	D7/21/18	0.3 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79322 MHD05A	D7/21/18	11.4 B	D7/21/18	33.0	D7/21/18	5.0 u	D7/21/18	699 B	D7/21/18	35.6	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79322 MHD05A	D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18	
79322 MHD11A	D7/21/18	10.0 U	D7/21/18	141	D7/21/18	5.0 u	D7/21/18	54.20	D7/21/18	54.5	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79322 MHD11A	D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18	
79322 MHD11A	D7/21/18	10.7 B	D7/21/18	171	D7/21/18	5.0 u	D7/21/18	54.20	D7/21/18	54.5	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79322 MHD11A	D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18	
79322 MHD11A	D7/21/18	18.6 B	D7/21/18	10300	D7/21/18	5.0 u	D7/21/18	1830 B	D7/21/18	88.5	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79322 MHD11A	D7/21/18	18.1 B	D7/21/18	5720	D7/21/18	5.0 u	D7/21/18	1240 B	D7/21/18	54.0	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79322 MHD11A	D7/21/18	12.3 B	D7/21/18	2270	D7/21/18	5.0 u	D7/21/18	1530 B	D7/21/18	88.9	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79322 MHD11A	D7/21/18	10.0 B	D7/21/18	112	D7/21/18	5.0 u	D7/21/18	103.0 B	D7/21/18	619 B	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79322 MHD11A	D7/21/18	10.0 U	D7/21/18	11800	D7/21/18	5.0 u	D7/21/18	103.0 B	D7/21/18	619 B	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79322 MHD11A	D7/21/18	11.3 B	D7/21/18	14100	D7/21/18	5.0 u	D7/21/18	970 B	D7/21/18	237	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79322 MHD11A	D7/21/18	12.8 B	D7/21/18	14100	D7/21/18	5.0 u	D7/21/18	880 B	D7/21/18	286	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79322 MHD11A	D7/21/18	2300	D7/21/18	7.0	D7/21/18	5.0 u	D7/21/18	5500	D7/21/18	145	D7/21/18	0.2 u	D7/21/18	30.0 u	D7/21/18	5.0 u
79322 MHD11A	D7/21/18	22.7	D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18	
79322 MHD11A	D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18		D7/21/18	

AR301634

RETAILS DATA ANALYSIS FOR HARVEST AND INJUDIUM SITE/DEBATE

SAMPLE ID	DATE RECEIVED	COPPER	IRON	LEAD	MANGANESE	MERCURY	MICEL	POTASSIUM	SELENIUM	ANALYZED
	DISSOLVED DATE ANALYZED									
79333 PHU11A	07/22/05	Dsp	10.0 u	Dsp	499.0	Dsp	5.0 u	Dsp	22.00	Dsp
78858 PHu6	07/22/05	Dsp	13.2	Dsp	851	Dsp	5.0 u	Dsp	50.0 u	Dsp
79331 PHu13C	07/22/05	AS	10.0 u	121.00	Dsp	5.0 u	Dsp	50.0 u	30.0 u	Dsp
79213 PHu10P	07/22/05	AS	10.0 u	Dsp	Dsp	Dsp	2400	50.0 u	50.0 u	Dsp
20313 PHu10D	07/22/05	AS	Dsp	Dsp	Dsp	Dsp	61.5	Dsp	2310	Dsp
20315 PHu10G	07/22/05	AS	Dsp							
20321 PHu10S	07/22/05	AS	Dsp							
20323 PHu10B	07/22/05	AS	Dsp							
20325 PHu10B	07/22/05	AS	Dsp							
79328 PHu2	07/22/05	AS	Dsp							
79327 PHu13B	07/22/05	AS	Dsp							
78853 PHu10L	07/22/05	AS	Dsp							
20324 PHu1	07/22/05	AS	Dsp							
79327 PHu5	07/22/05	AS	Dsp							
Phu11/1	Dsp									
Phu11/2	Dsp									

AR301635

TELEJAS DATA ANALYSIS FOR PART V AND RADIATION SITE/DELAWARE

METALS DATA ANALYSIS FOR MARINE AND ESTUARINE SITE/DETAILED

SAMPLE ID	DATE RECEIVED	SILVER DISSOLVED DATE ANALYZED	SILVER DISSOLVED DATE ANALYZED	SODIUM DISSOLVED DATE ANALYZED	THALLIUM DISSOLVED DATE ANALYZED	WANADIUM DISSOLVED DATE ANALYZED	ZINC DISSOLVED DATE ANALYZED	LEAD DISSOLVED DATE ANALYZED	MANGANESE DISSOLVED DATE ANALYZED	CHROMIUM DISSOLVED DATE ANALYZED	IRON DISSOLVED DATE ANALYZED
75333 PHM11A	07/21/88	10P	08/16/88	22/00	50/00/88	5.0 UW	08/16/88	10.0 UW	08/16/88	52.4	08/16/88
78386 PHM	07/21/88	10.0 U	08/16/88	/	/	/	/	/	/	/	/
78388 PHM	07/22/88	DOP	/	/	/	5.0 UW	/	16.2 S	/	48.5 U	/
79313 PHM13C	07/20/88	NS	10.0 V	13/00	/	5.0 U	/	10.0 U	/	51.0	/
79313 PHM10D	07/20/88	45	15.5	35/10 S	/	/	/	/	/	/	/
79313 PHM10D	07/20/88	NS	/	/	/	/	/	/	/	/	/
79313 PHM10D	07/20/88	AS	/	/	/	/	/	/	/	/	/
79313 PHM10D	07/20/88	AS	/	/	/	/	/	/	/	/	/
79321 PHM10S	07/21/88	AS	/	/	/	/	/	/	/	/	/
79321 PHM11S	07/21/88	AS	/	/	/	/	/	/	/	/	/
79322 PHM11S	07/21/88	AS	/	/	/	/	/	/	/	/	/
79322 PHM11S	07/22/88	AS	/	/	/	/	/	/	/	/	/
79322 SH-2	07/22/88	AS	/	/	/	/	/	/	/	/	/
79327 PHM13N	07/21/88	AS	/	/	/	/	/	/	/	/	/
28455 FIELD RX	07/22/88	AS	/	/	/	/	/	/	/	/	/
76351 SH-1	07/22/88	AS	/	/	/	/	/	/	/	/	/
76351 SH-3	07/22/88	NS	/	/	/	/	/	/	/	/	/
PB 8/11/1	/	/	/	/	/	/	/	/	/	/	/
PB 8/11/2	/	/	/	/	/	/	/	/	/	/	/

AR301637

FBI Lab.
03/17/88

MARVEL AND MULKIRAN SITE/CHAMBERLAIN

BSL METALS DATA

SUPERFICIAL RECOVERY SUMMARY

AL SB AS BA BE CD CA CF CO CU FE
SAMPLE IDENTIFICATION

73459 PHM102D	DSP
73459 PHM102D	DSP
73511 PHM115C	DSP
73511 PHM115C	DSP
73512 PHM107D	DSP
73512 PHM107D	DSP
73513 PHM109	DSP
73514 PHM109	DSP
73515 PHM109	DSP
73516 FIELD BLK	DSP
73453 FIELD BLK	DSP
73534 SW-1	DSP
73535 SW-1	DSP
73536 SW-2	
73537 SW-5	
73537 SW-5	DSP
73538 SW-7	DSP
73539 SW-8	DSP
73539 SW-8	DSP
73540 SW-4	
73518 PHM102D	DSP
73518 PHM102D	DSP
73519 PHM112A	DSP
73519 PHM112A	DSP
73520 PHM110A	DSP
73520 PHM110A	DSP
73521 PHM105B	DSP
73521 PHM105B	DSP
73522 PHM05A	DSP
73523 PHM05A	DSP
73524 PHM055ADP	DSP
73525 PHM114B	DSP
73526 PHM114A	DSP
73527 PHM115B	DSP
73528 PHM115A	DSP
73530 PHM104S	DSP
73531 PHM111B	DSP
73532 PHM111B	DSP
73532 PHM111B(DSP)	DSP

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HARVEY AND MONTFORD SITE/CALAMARI
MOL METALS DATA

SPLINE PERCENT RECOVERY SUMMARY

SAMPLE
ID#11-
FIGURE#

Fe Mn Ni Cr Se As Na Ti V Zn

SAMPLE	ID#11- FIGURE#	Fe	Mn	Ni	Cr	Se	As	Na	Ti	V	Zn
78849	Phu02D	DSP									
78850	Phu02D	DSP									
79311	Phu13C	DSP									
79312	Phu13C	DSP									
79312	Phu07D	DSP									
79313	Phu07D	DSP									
79314	Phu02D	DSP									
79315	Phu02D	DSP									
79315	Phu02D	DSP									
78316	FIELD_BK	DSP									
78843	FIELD_BK	DSP									
78843	FIELD_BK	DSP									
79311	Se-1	DSP									
79313	Se-1	DSP									
79334	Se-2	DSP									
79337	Se-5	DSP									
79337	Se-5	DSP									
79338	Se-7	DSP									
79338	Se-7	DSP									
79339	Se-8	DSP									
79340	Se-6	DSP									
79318	Phu02D	DSP									
79318	Phu02D	DSP									
79319	Phu11A	DSP									
79320	Phu11A	DSP									
79320	Phu11A	DSP									
79321	Phu1015B	DSP									
79321	Phu1015B	DSP									
79322	Phu1015A	DSP									
79322	Phu1015A	DSP									
79323	Phu02SA	DSP									
79324	Phu02SA(D)	DSP									
79325	Phu11A	DSP									
79326	Phu11A	DSP									
79327	Phu11A	DSP									
79328	Phu11A	DSP									
29330	Phu02S	DSP									
29330	Phu02S	DSP									
29331	Phu11A	DSP									
29331	Phu11A	DSP									
29332	Phu11B(DP)	DSP									
29332	Phu11B(DP)	DSP									

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PAGE NO. 2 DATE 17/8/88
NAME AND POSITION SIT/CHIEF

ESTATE PLANNING

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MSI NEWSLETTER

MSI NETS SAIL

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SAMPLE
PERIODS
IDENTIFICATION
FILTRATION

AR301641

NET CREDITORS' DATA FOR NAVY AND KNOXDRUM SITE / DELAWARE

AR301642

Fax No:
07/17/85

WET CHEMISTRY DATA FOR MARSHY AND MUDFLAT SITE / DELAWARE

SAMPLE IDENTIFICATION	DATE RECEIVED	EMULSION DATE ANALYZED	CHANGE TOTAL ppm	CHANGE DISTILLED ANALYZED ppm	FLUORIDE ppm	PHOSPHATE ppm	NITRATE ppm	PHEOMICS DATE ANALYZED ppm/l	SPECIFIC CONC. DATE ANALYZED ppm/l	SULFATE DATE ANALYZED ppm/l	MARSH SITE SAMPLE CLASSIFICATION
78586 PB#6	07/21/85	25	07/09/85	0.010	07/03/85	0.002	07/05/85	0.8	07/01/85	0.02	07/10/85
78586 PB#6	07/21/85 Dsp		/	/	/	/	/	/	/	/	07/10/85
78531 PB#15C	07/20/85		/	/	/	/	/	/	/	/	/
78531 PB#15D	07/20/85 AS		/	/	/	/	/	/	/	/	/
78531 PB#15D	07/20/85 MS		/	/	07/02/85	0.010	07/02/85	/	/	/	10C
78531 PB#15D	07/20/85 AS		/	/	/	/	/	/	/	/	/
78531 PB#15E	07/21/85 AS		/	/	/	/	/	/	/	/	/
78531 PB#15E	07/21/85 AS		/	/	/	/	/	/	/	/	/
78532 PB#15F	07/21/85 AS		/	/	/	/	/	/	/	/	/
78532 PB#15G	07/21/85 AS		/	/	07/02/85	0.010	07/02/85	/	/	/	/
79525 SP-2	07/21/85 TS		/	/	/	/	/	/	/	/	/
79525 SP-2	07/21/85 AS		/	/	/	/	/	/	/	/	/
79532 PB#15B	07/21/85 AS		/	/	/	/	/	/	/	/	/
78583 FIELD 2A	07/21/85 TS		/	/	/	/	/	/	/	/	/
78534 SP-1	07/21/85 AS		/	/	/	/	/	/	/	/	/
79537 SP-5	07/21/85 TS		/	/	/	/	/	/	/	/	/
78517 V1			/	/	/	/	/	/	/	/	/
PB A1/V2			/	/	/	/	/	/	/	/	/

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DATA LISTING FOR MARVY AND MCGREGOR SITE / DELAWARE

DATE RECEIVED

TOTAL ORGANIC CARBON

TOTAL IN LAB

RECEIVED

DATE ANALYZED

MARVY SITE

RECEIVED

TO:

DATA LISTING FOR MARSH AND RIVERFRONT SITE / DELAWARE

SAMPLE IDENTIFICATION	DATE RECEIVED IN LAB	TOTAL ORGANIC CARBON	TOTAL ORGANIC CARBON	TOTAL ANALYZED MARSH SPINE	TOTAL ANALYZED RIVERFRONT SPINE	RECOVERY	REC'D BY	TDC	TDS
		MILLIGRAMS/MILLILITER	MILLIGRAMS/MILLILITER	MILLIGRAMS/MILLILITER	MILLIGRAMS/MILLILITER				
78332 Sh-7	07/22/88	NS		/	/				
78332 Sh-7	07/22/88	NS		/	/				
PESTICIDE BLANK	/	NS		/	/				
PESTICIDE BLANK	/	NS		/	/				
PESTICIDE BLANK	/	NS		/	/				
PESTICIDE BLANK	/	NS		/	/				
PESTICIDE BLANK	/	NS		/	/				
78313 Pesticide	07/20/88	NS		/	/				
78313 Pesticide	07/20/88	NSD		/	/				
78388 Pub	07/22/88	NS		/	/				
78488 Pub	07/22/88	NSD		/	/				
TEC/TIC BLANK	/	1.0	1.0	0.05 V	0.05 V	07/29/88			
TEC/TIC BLANK	/	1.0	1.0	0.05 V	0.05 V	07/29/88			
TEC/TIC BLANK	/	1.0	1.0	0.05 V	0.05 V	07/29/88			
78489 Pesticide	07/20/88	NS		/	/				
78489 Pesticide	07/20/88	NSD		/	/				
78324 MERCUBAND	07/21/88	NS		/	/				
78324 MERCUBAND	07/21/88	NS		/	/				
78325 MERCUBAND	07/21/88	NSD		/	/				
78325 MERCUBAND	07/21/88	NSD		/	/				
78330 Mercuband	07/22/88	NS		/	/				
78330 Mercuband	07/22/88	NSD		/	/				
78340 Sh-6	07/21/88	NS		/	/				
78340 Sh-6	07/21/88	NSD		/	/				
78337 Sh-5	07/22/88	NS		/	/				
78337 Sh-5	07/22/88	NSD		/	/				

AR301645

THE PRESIDENT'S DATA

THE PRACTICAL SURVEYOR

HARVEY AND PARTNERS SITE/DELAWARE
NSL PESTICIDES DATA

SAMPLE IDENTIFICATION	DATE RECEIVED	DATE EXTRACTED	ALPHA-ESTERIFIED ANALYZED DMC	BETA-ESTERIFIED ANALYZED DMC	DELTA-ESTERIFIED ANALYZED DMC	Gamma-HEPTACHOR ALFRIN (11-METHYL-HEPTACHOR ALFRIN)	HEPTACHOR ENDOSYDIFEN I DEDIPIN (EPOXYDIDE)	4,4'-DDE ENDOSYDIFEN II 4,4'-DDO ENDOSYDIFEN III 4,4'-DDG ENDOSYDIFEN IV 4,4'-DDT	ENDOSYDIFEN V 4,4'-DDT	ENDOSYDIFEN VI 4,4'-DDT	ENDOSYDIFEN VII 4,4'-DDT	ENDOSYDIFEN VIII 4,4'-DDT
79312 PMU111BEGP	07/22/08	MSD	/ /	/ /	/ /							
79313 SH-2	07/22/08	MSD	/ /	/ /	/ /							
79313 SH-7	07/22/08	MSD	/ /	/ /	/ /							
PEST17C8 BLANK	/	07/22/08	MSD	/ /	/ /							
PEST17C8 BLANK	/	07/22/08	MSD	/ /	0.05 U	0.05 U	0.05 U	0.05 U	0.10 U	0.10 U	0.10 U	0.10 U
PEST17C8 BLANK	/	07/22/08	MSD	/ /	0.05 U	0.05 U	0.05 U	0.05 U	0.10 U	0.10 U	0.10 U	0.10 U
PEST17C8 BLANK	/	07/22/08	MSD	/ /	0.05 U	0.05 U	0.05 U	0.05 U	0.10 U	0.10 U	0.10 U	0.10 U
PEST17C8 BLANK	/	07/22/08	MSD	/ /	0.05 U	0.05 U	0.05 U	0.05 U	0.10 U	0.10 U	0.10 U	0.10 U
79313 PMU109P	07/22/08	MSD	07/21/08	07/22/08	07/22/08							
2A848 PMK	07/22/08	MSD	07/21/08	07/22/08	07/22/08							
7A848 PMK	07/22/08	MSD	07/21/08	07/22/08	07/22/08							
LOCATION BLANK	/	/	/	/	/							
LOCATION BLANK	/	/	/	/	/							
LOCATION BLANK	/	/	/	/	/							
7A848 PMKBD	07/20/08	MSD	/ /	/ /	/ /							
7A848 PMKBD	07/20/08	MSD	/ /	/ /	/ /							
79312 PMU109D	07/21/08	MSD	/ /	/ /	/ /							
79312 PMU109D	07/21/08	MSD	/ /	/ /	/ /							
79313 PMU109P	07/22/08	MSD	07/21/08	07/22/08	07/22/08							
79317 SH-5	07/22/08	MSD	/ /	/ /	/ /							

AR301647

IV. FISHING DATA

AR301649

SAMPLE RECEIVED FROM	DATE RECEIVED	DATE EXTRACTED	ADDITIONAL ANALYZED 101b	ADDITIONAL ANALYZED	ADDITIONAL ANALYZED	ADDITIONAL ANALYZED
79332 MHD100	07/22/88	MSD	/ /	/ /	/ /	/ /
79333 SHC-2	07/22/88	MS	/ /	/ /	/ /	/ /
79334 SHC-2	07/22/88	MSD	/ /	/ /	/ /	/ /
PES17/PC BLANK	/	07/22/88	07/22/88	0.50 u	0.50 u	1.00 u
PES17/PC BLANK	/	07/22/88	07/22/88	0.50 u	0.50 u	1.00 u
PES17/PC BLANK	/	07/22/88	07/22/88	0.50 u	0.50 u	1.00 u
PES17/PC BLANK	/	07/22/88	07/22/88	0.50 u	0.50 u	1.00 u
PES17/PC BLANK	/	07/22/88	07/22/88	0.50 u	0.50 u	1.00 u
79335 MHD100	07/20/88	MS	07/22/88	07/22/88	07/22/88	07/22/88
79336 MHD100	07/20/88	MSD	07/22/88	07/22/88	07/22/88	07/22/88
79444 PMS	07/22/88	MS	07/22/88	07/22/88	07/22/88	07/22/88
10C101Z BLANK	/	/	/	/	/	/
10C101Z BLANK	/	/	/	/	/	/
74859 MHD100	07/20/88	MS	/ /	/ /	/ /	/ /
74859 MHD100	07/20/88	MSD	/ /	/ /	/ /	/ /
79324 MHD100	07/22/88	MS	/ /	/ /	/ /	/ /
79324 MHD100	07/22/88	MSD	/ /	/ /	/ /	/ /
79325 MHD100	07/22/88	MS	/ /	/ /	/ /	/ /
79325 MHD100	07/22/88	MSD	/ /	/ /	/ /	/ /
79350 MHD105	07/22/88	MS	/ /	/ /	/ /	/ /
79350 MHD105	07/22/88	MSD	/ /	/ /	/ /	/ /
79340 SHC-4	07/22/88	MS	/ /	/ /	/ /	/ /
79340 SHC-4	07/22/88	MSD	/ /	/ /	/ /	/ /
79337 SHC-2	07/22/88	MS	/ /	/ /	/ /	/ /
79337 SHC-2	07/22/88	MSD	/ /	/ /	/ /	/ /

AR301651